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ACCCACGCGC			AGCGGCCGGA			G	ATG Met 1	CAG Gln	CGG Arg	GGC Gly	GCC Ala 5	GCG Ala	CTG Leu	TGC Cys	CTG Leu	CGA Arg 10	51
CTG	ACC	CCC	CCG	ACC	TTG	AAC	ATC	ACG	GAG	GAG	TCA	CAC	GTC	ATC	GAC		99
Leu	Trp	Leu	Cys	Leu 15	Gly	Leu	Leu	Asp	Gly 20	Leu	Val	Ser	Asp	Tyr 25	Ser		
ATG	ACC	CCC	CCG	ACC	TTG	AAC	ATC	ACG	GAG	GAG	TCA	CAC	GTC	ATC	GAC		147
Met	Thr	Pro	Pro 30	Thr	Leu	Asn	Ile	Thr 35	Glu	Glu	Ser	His	Val 40	Ile	Asp		
ACC	GGT	GAC	AGC	CTG	TCC	ATC	TCC	TGC	AGG	GGA	CAG	CAC	CCC	CTC	GAG		195
Thr	Gly	Asp 45	Ser	Leu	Ser	Ile	Ser 50	Cys	Arg	Gly	Gln	His 55	Pro	Leu	Glu		
TGG	GCT	TGG	CCA	GGA	GCT	CAG	GAG	GCG	CCA	GCC	ACC	GGA	GAC	AAG	GAC		243
Trp	Ala 60	Trp	Pro	Gly	Ala 65	Gln	Glu	Ala	Pro	Ala	Thr 70	Gly	Asp	Lys	Asp		
AGC	GAG	GAC	ACG	GGG	GTG	GTG	CGA	GAC	TGC	GAG	GGC	ACA	GAC	GCC	AGG		291
Ser 75	Glu	Asp	Thr	Gly	Val 80	Val	Arg	Asp	Cys	Glu 85	Gly	Thr	Asp	Ala	Arg 90		
CCC	TAC	TGC	AAG	GTG	TTG	CTG	CTG	CAC	GAG	GTA	CAT	GCC	AAC	GAC	ACA		339
Pro	Tyr	Cys	Lys	Val 95	Leu	Leu	Leu	His	Glu 100	Val	His	Ala	Asn	Asp 105	Thr		
GGC	AGC	TAC	GTC	TGC	TAC	TAC	AAG	TAC	ATC	AAG	GCA	CGC	ATC	GAG	GGC		387
Gly	Ser	Tyr	Val 110	Cys	Tyr	Tyr	Lys	Tyr 115	Ile	Lys	Ala	Arg	Ile 120	Glu	Gly		
ACC	ACG	GCC	GCC	AGC	TCC	TAC	GTG	TTC	GTG	AGA	GAC	TTT	GAG	CAG	CCA		435
Thr	Thr	Ala 125	Ala	Ser	Ser	Tyr	Val 130	Phe	Val	Arg	Asp	Phe 135	Glu	Gln	Pro		
TTC	ATC	AAC	AAG	CCT	GAC	ACG	CTC	TTG	GTC	AAC	AGG	AAG	GAC	GCC	ATG		483
Phe	Ile 140	Asn	Lys	Pro	Asp	Thr 145	Leu	Leu	Val	Asn	Arg 150	Lys	Asp	Ala	Met		
TGG	GTG	CCC	TGT	CTG	GTG	TCC	ATC	CCC	GGC	CTC	AAT	GTC	ACG	CTG	CGC		531
Trp 155	Val	Pro	Cys	Leu	Val 160	Ser	Ile	Pro	Gly	Leu 165	Asn	Val	Thr	Leu	Arg 170		
TCG	CAA	AGC	TCG	GTG	CTG	TGG	CCA	GAC	GGG	CAG	GAG	GTG	GTG	TGG	GAT		579
Ser	Gln	Ser	Ser	Val 175	Leu	Trp	Pro	Asp	Gly 180	Gln	Glu	Val	Val	Trp 185	Asp		
GAC	CGG	CGG	GGC	ATG	CTC	GTG	TCC	ACG	CCA	CTG	CTG	CAC	GAT	GCC	CTG		627
Asp	Arg	Arg	Gly 190	Met	Leu	Val	Ser	Thr 195	Pro	Leu	Leu	His	Asp 200	Ala	Leu		
TAC	CTG	CAG	TGC	GAG	ACC	ACC	TGG	GGA	GAC	CAG	GAC	TTC	CTT	TCC	AAC		675
Tyr	Leu	Gln 205	Cys	Glu	Thr	Thr	Trp 210	Gly	Asp	Gln	Asp	Phe 215	Leu	Ser	Asn		

FIG. 1A

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CCC Pro	TTC Phe 220	CTG Leu	GTG Val	CAC His	ATC Ile	ACA Thr 225	GGC Gly	AAC Asn	GAG Glu	CTC Leu	TAT Tyr 230	GAC Asp	ATC Ile	CAG Gln	CTG Leu	723
TTG Leu 235	CCC Pro	AGG Arg	AAG Lys	TCG Ser	CTG Leu 240	GAG Glu	CTG Leu	CTG Leu	GTA Val	GGG Gly 245	GAG Glu	AAG Lys	CTG Leu	GTC Val	CTC Leu 250	771
AAC Asn	TGC Cys	ACC Thr	GTG Val	TGG Trp 255	GCT Ala	GAG Glu	TTT Phe	AAC Asn	TCA Ser 260	GGT Gly	GTC Val	ACC Thr	TTT Phe	GAC Asp 265	TGG Trp	819
GAC Asp	TAC Tyr	CCA Pro	GGG Gly 270	AAG Lys	CAG Gln	GCA Ala	GAG Glu	CGG Arg 275	GGT Gly	AAG Lys	TGG Trp	GTG Val	CCC Pro 280	GAG Glu	CGA Arg	867
CGC Arg	TCC Ser	CAA Gln 285	CAG Gln	ACC Thr	CAC His	ACA Thr	GAA Glu 290	CTC Leu	TCC Ser	AGC Ser	ATC Ile	CTG Leu 295	ACC Thr	ATC Ile	CAC His	915
AAC Asn	GTC Val 300	AGC Ser	CAG Gln	CAC His	GAC Asp	CTG Leu 305	GGC Gly	TCG Ser	TAT Tyr	GTG Val	TGC Cys 310	AAG Lys	GCC Ala	AAC Asn	AAC Asn	963
GGC Gly 315	ATC Ile	CAG Gln	CGA Arg	TTT Phe	CGG Arg 320	GAG Glu	AGC Ser	ACC Thr	GAG Glu	GTC Val 325	ATT Ile	GTG Val	CAT His	GAA Glu	AAT Asn 330	1011
CCC Pro	TTC Phe	ATC Ile	AGC Ser	GTC Val 335	GAG Glu	TGG Trp	CTC Leu	AAA Lys	GGA Gly 340	CCC Pro	ATC Ile	CTG Leu	GAG Glu	GCC Ala 345	ACG Thr	1059
GCA Ala	GGA Gly	GAC Asp	GAG Glu 350	CTG Leu	GTG Val	AAG Lys	CTG Leu	CCC Pro 355	GTG Val	AAG Lys	CTG Leu	GCA Ala	GCG Ala 360	TAC Tyr	CCC Pro	1107
CCG Pro	CCC Pro	GAG Glu 365	TTC Phe	CAG Gln	TGG Trp	TAC Tyr	AAG Lys 370	GAT Asp	GGA Gly	AAG Lys	GCA Ala	CTG Leu 375	TCC Ser	GGG Gly	CGC Arg	1155
CAC His	AGT Ser 380	CCA Pro	CAT His	GCC Ala	CTG Leu	GTG Val 385	CTC Leu	AAG Lys	GAG Glu	GTG Val	ACA Thr 390	GAG Glu	GCC Ala	AGC Ser	ACA Thr	1203
GGC Gly 395	ACC Thr	TAC Tyr	ACC Thr	CTC Leu	GCC Ala 400	CTG Leu	TGG Trp	AAC Asn	TCC Ser	GCT Ala 405	GCT Ala	GGC Gly	CTG Leu	AGG Arg	CGC Arg 410	1251
AAC Asn	ATC Ile	AGC Ser	CTG Leu	GAG Glu 415	CTG Leu	GTG Val	GTG Val	AAT Asn	GTG Val 420	CCC Pro	CCC Pro	CAG Gln	ATA Ile	CAT His 425	GAG Glu	1299
AAG Lys	GAG Glu	GCC Ala	TCC Ser 430	TCC Ser	CCC Pro	AGC Ser	ATC Ile	TAC Tyr 435	TCG Ser	CGT Arg	CAC His	AGC Ser	CGC Arg 440	CAG Gln	GCC Ala	1347

FIG. 1B

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CTC Leu	ACC Thr	TGC Cys 445	ACG Thr	GCC Ala	TAC Tyr	GGG Gly	GTG Val 450	CCC Pro	CTG Leu	CCT Pro	CTC Leu	AGC Ser 455	ATC Ile	CAG Gln	TGG Trp	1395
CAC His	TGG Trp 460	CGG Arg	CCC Pro	TGG Trp	ACA Thr	CCC Pro 465	TGC Cys	AAG Lys	ATG Met	TTT Phe	GCC Ala 470	CAG Gln	CGT Arg	AGT Ser	CTC Leu	1443
CGG Arg 475	CGG Arg	CGG Arg	CAG Gln	CAG Gln	CAA Gln 480	GAC Asp	CTC Leu	ATG Met	CCA Pro	CAG Gln 485	TGC Cys	CGT Arg	GAC Asp	TGG Trp	AGG Arg 490	1491
GCG Ala	GTG Val	ACC Thr	ACG Thr	CAG Gln 495	GAT Asp	GCC Ala	GTG Val	AAC Asn	CCC Pro 500	ATC Ile	GAG Glu	AGC Ser	CTG Leu	GAC Asp 505	ACC Thr	1539
TGG Trp	ACC Thr	GAG Glu	TTT Phe 510	GTG Val	GAG Glu	GGA Gly	AAG Lys	AAT Asn 515	AAG Lys	ACT Thr	GTG Val	AGC Ser	AAG Lys 520	CTG Leu	GTG Val	1587
ATC Ile	CAG Gln	AAT Asn 525	GCC Ala	AAC Asn	GTG Val	TCT Ser	GCC Ala 530	ATG Met	TAC Tyr	AAG Lys	TGT Cys	GTG Val 535	GTC Val	TCC Ser	AAC Asn	1635
AAG Lys	GTG Lys 540	GGC Gly	CAG Gln	GAT Asp	GAG Glu	CGG Arg 545	CTC Leu	ATC Ile	TAC Tyr	TTC Phe	TAT Tyr 550	GTG Val	ACC Thr	ACC Thr	ATC Ile	1683
CCC Pro 555	GAC Asp	GGC Gly	TTC Phe	ACC Thr	ATC Ile 560	GAA Glu	TCC Ser	AAG Lys	CCA Pro	TCC Ser 565	GAG Glu	GAG Glu	CTA Leu	CTA Leu	GAG Glu 570	1731
GGC Gly	CAG Gln	CCG Pro	GTG Val	CTC Leu 575	CTG Leu	AGC Ser	TGC Cys	CAA Gln	GCC Ala 580	GAC Asp	AGC Ser	TAC Tyr	AAG Lys	TAC Tyr 585	GAG Glu	1779
CAT His	CTG Leu	CGC Arg	TGG Trp 590	TAC Tyr	CGC Arg	CTC Leu	AAC Asn	CTG Leu 595	TCC Ser	ACG Thr	CTG Leu	CAC His	GAT Asp 600	GCG Ala	CAC His	1827
GGG Gly	AAC Asn	CCG Pro 605	CTT Leu	CTG Leu	CTC Leu	GAC Asp	TGC Cys 610	AAG Lys	AAC Asn	GTG Val	CAT His	CTG Leu 615	TTC Phe	GCC Ala	ACC Thr	1875
CCT Pro	CTG Leu 620	GCC Ala	GCC Ala	AGC Ser	CTG Leu	GAG Glu 625	GAG Glu	GTG Val	GCA Ala	CCT Pro	GGG Gly 630	GCG Ala	CGC Arg	CAC His	GCC Ala	1923
ACG Thr 635	CTC Leu	AGC Ser	CTG Leu	AGT Ser	ATC Ile 640	CCC Pro	CGC Arg	GTC Val	GCG Ala	CCC Pro 645	GAG Glu	CAC His	GAG Glu	GGC Gly	CAC His 650	1971
TAT Tyr	GTG Val	TGC Cys	GAA Glu	GTG Val 655	CAA Gln	GAC Asp	CGG Arg	CGC Arg	AGC Ser 660	CAT His	GAC Asp	AAG Lys	CAC His	TGC Cys 665	CAC His	2019

FIG. 1C

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AAG Lys	AAG Lys	TAC Tyr	CTG Leu 670	TCG Ser	GTG Val	CAG Gln	GCC Ala	CTG Leu 675	GAA Glu	GCC Ala	CCT Pro	CGG Arg	CTC Leu 680	ACG Thr	CAG Gln	2067
AAC Asn	TTG Leu	ACC Thr 685	GAC Asp	CTC Leu	CTG Leu	GTG Val	AAC Asn 690	GTG Val	AGC Ser	GAC Asp	TCG Ser	CTG Leu 695	GAG Glu	ATG Met	CAG Gln	2115
TGC Cys	TTG Leu 700	GTG Val	GCC Ala	GGA Gly	GCG Ala	CAC His 705	GCG Ala	CCC Pro	AGC Ser	ATC Ile	GTG Val 710	TGG Trp	TAC Tyr	AAA Lys	GAC Asp	2163
GAG Glu 715	AGG Arg	CTG Leu	CTG Leu	GAG Glu	GAA Glu 720	AAG Lys	TCT Ser	GGA Gly	GTC Val	GAC Asp 725	TTG Leu	GCG Ala	GAC Asp	TCC Ser	AAC Asn 730	2211
CAG Gln	AAG Lys	CTG Leu	AGC Ser	ATC Ile 735	CAG Gln	CGC Arg	GTG Val	GCG Arg	GAG Glu 740	GAG Glu	GAT Asp	GCG Ala	GGA Gly	CCG Pro 745	TAT Tyr	2259
CTG Leu	TGC Cys	AGC Ser	GTG Val 750	TGC Cys	AGA Arg	CCC Pro	AAG Lys	GGC Gly 755	TGC Cys	GTC Val	AAC Asn	TCC Ser	TCC Ser 760	GCC Ala	AGC Ser	2307
GTG Val	GCC Ala	GTG Val 765	GAA Glu	GGC Gly	TCC Ser	GAG Glu	GAT Asp 770	AAG Lys	GGC Gly	AGC Ser	ATG Met	GAG Glu 775	ATC Ile	GTG Val	ATC Ile	2355
CTT Leu	GTC Val 780	GGT Gly	ACC Thr	GGC Gly	GTC Val	ATC Ile 785	GCT Ala	GTC Val	TTC Phe	TTC Phe	TGG Trp 790	GTC Val	CTC Leu	CTC Leu	CTC Leu	2403
CTC Leu 795	ATC Ile	TTC Phe	TGT Cys	AAC Asn	ATG Met 800	AGG Arg	AGG Arg	CCG Pro	GCC Ala	CAC His 805	GCA Ala	GAC Asp	ATC Ile	AAG Lys	ACG Thr 810	2451
GGC Gly	TAC Tyr	CTG Leu	TCC Ser	ATC Ile 815	ATC Ile	ATG Met	GAC Asp	CCC Pro	GGG Gly 820	GAG Glu	GTG Val	CCT Pro	CTG Leu	GAG Glu 825	GAG Glu	2499
CAA Gln	TGC Cys	GAA Glu	TAC Tyr 830	CTG Leu	TCC Ser	TAC Tyr	GAT Asp	GCC Ala 835	AGC Ser	CAG Gln	TGG Trp	GAA Glu	TTC Phe 840	CCC Pro	CGA Arg	2547
GAG Glu	CGG Arg	CTG Leu 845	CAC His	CTG Leu	GGG Gly	AGA Arg	GTG Val 850	CTC Leu	GGC Gly	TAC Tyr	GGC Gly 855	GCC Ala	TTC Phe	GGG Gly	AAG Lys	2595
GTG Val	GTG Val 860	GAA Glu	GCC Ala	TCC Ser	GCT Ala	TTC Phe 865	GGC Gly	ATC Ile	CAC His	AAG Lys	GGC Gly 870	AGC Ser	AGC Ser	TGT Cys	GAC Asp	2643
ACC Thr 875	GTG Val	GCC Ala	GTG Val	AAA Lys	ATG Met 880	CTG Leu	AAA Lys	GAG Glu	GGC Gly	GCC Ala	ACG Thr	GCC Ala	AGC Ser	GAG Glu	CAG Gln 890	2691

FIG. 1D

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CGC	GCG	CTG	ATG	TCG	GAG	CTC	AAG	ATC	CTC	ATT	CAC	ATC	GGC	AAC	CAC	2739
Arg	Ala	Leu	Met	Ser	Glu	Leu	Lys	Ile	Leu	Ile	His	Ile	Gly	Asn	His	
				895					900					905		
CTC	AAC	GTG	GTC	AAC	CTC	CTC	GGG	GCG	TGC	ACC	AAG	CCG	CAG	GGC	CCC	2787
Leu	Asn	Val	Val	Asn	Leu	Leu	Gly	Ala	Cys	Thr	Lys	Pro	Gln	Gly	Pro	
			910					915					920			
CTC	ATG	GTG	ATC	GTG	GAG	TTC	TGC	AAG	TAC	GGC	AAC	CTC	TCC	AAC	TTC	2835
Leu	Met	Val	Ile	Val	Glu	Phe	Cys	Lys	Tyr	Gly	Asn	Leu	Ser	Asn	Phe	
		925					930					935				
CTG	GCG	GCC	AAG	CGG	GAC	GCC	TTC	AGC	CCC	TGC	GCG	GAG	AAG	TCT	CCC	2883
Leu	Arg	Ala	Lys	Arg	Asp	Ala	Phe	Ser	Pro	Cys	Ala	Glu	Lys	Ser	Pro	
	940					945					950					
GAG	CAG	CGC	GGA	CGC	TTC	CGC	GCC	ATG	GTG	GAG	CTC	GCC	AGG	CTG	GAT	2931
Glu	Gln	Arg	Gly	Arg	Phe	Arg	Ala	Met	Val	Glu	Leu	Ala	Arg	Leu	Asp	
955					960					965					970	
CGG	AGG	CGG	CCG	GGG	AGC	AGC	GAC	AGG	GTC	CTC	TTC	GCG	CGG	TTC	TCG	2979
Arg	Arg	Arg	Pro	Gly	Ser	Ser	Asp	Arg	Val	Leu	Phe	Ala	Arg	Phe	Ser	
				975					980					985		
AAG	ACC	GAG	GGC	GGA	GCG	AGG	CGG	GCT	TCT	CCA	GAC	CAA	GAA	GCT	GAG	3027
Lys	Thr	Glu	Gly	Gly	Ala	Arg	Arg	Ala	Ser	Pro	Asp	Gln	Glu	Ala	Glu	
			990					995					1000			
GAC	CTG	TGG	CTG	AGC	CCG	CTG	ACC	ATG	GAA	GAT	CTT	GTC	TGC	TAC	AGC	3075
Asp	Leu	Trp	Leu	Ser	Pro	Leu	Thr	Met	Glu	Asp	Leu	Val	Cys	Tyr	Ser	
		1005					1010					1015				
TTC	CAG	GTG	GCC	AGA	GGG	ATG	GAG	TTC	CTG	GCT	TCC	CGA	AAG	TGC	ATC	3123
Phe	Gln	Val	Ala	Arg	Gly	Met	Glu	Phe	Leu	Ala	Ser	Arg	Lys	Cys	Ile	
	1020					1025					1030					
CAC	AGA	GAC	CTG	GCT	GCT	CGG	AAC	ATT	CTG	CTG	TCG	GAA	AGC	GAC	GTG	3171
His	Arg	Asp	Leu	Ala	Ala	Arg	Asn	Ile	Leu	Leu	Ser	Glu	Ser	Asp	Val	
1035					1040					1045					1050	
GTG	AAG	ATC	TGT	GAC	TTT	GGC	CTT	GCC	CGG	GAC	ATC	TAC	AAA	GAC	CCC	3219
Val	Lys	Ile	Cys	Asp	Phe	Gly	Leu	Ala	Arg	Asp	Ile	Tyr	Lys	Asp	Pro	
				1055					1060					1065		
GAC	TAC	GTC	CGC	AAG	GGC	AGT	GCC	CGG	CTG	CCC	CTG	AAG	TGG	ATG	GCC	3267
Asp	Tyr	Val	Arg	Lys	Gly	Ser	Ala	Arg	Leu	Pro	Leu	Lys	Trp	Met	Ala	
			1070					1075					1080			
CCT	GAA	AGC	ATC	TTC	GAC	AAG	GTG	TAC	ACC	ACG	CAG	AGT	GAC	GTG	TGG	3315
Pro	Glu	Ser	Ile	Phe	Asp	Lys	Val	Tyr	Thr	Thr	Gln	Ser	Asp	Val	Trp	
		1085					1090					1095				
TCC	TTT	GGG	GTG	CTT	CTC	TGG	GAG	ATC	TTC	TCT	CTG	GGG	GCC	TCC	CCG	3363
Ser	Phe	Gly	Val	Leu	Leu	Trp	Glu	Ile	Phe	Ser	Leu	Gly	Ala	Ser	Pro	
	1100					1105					1110					

FIG. 1E

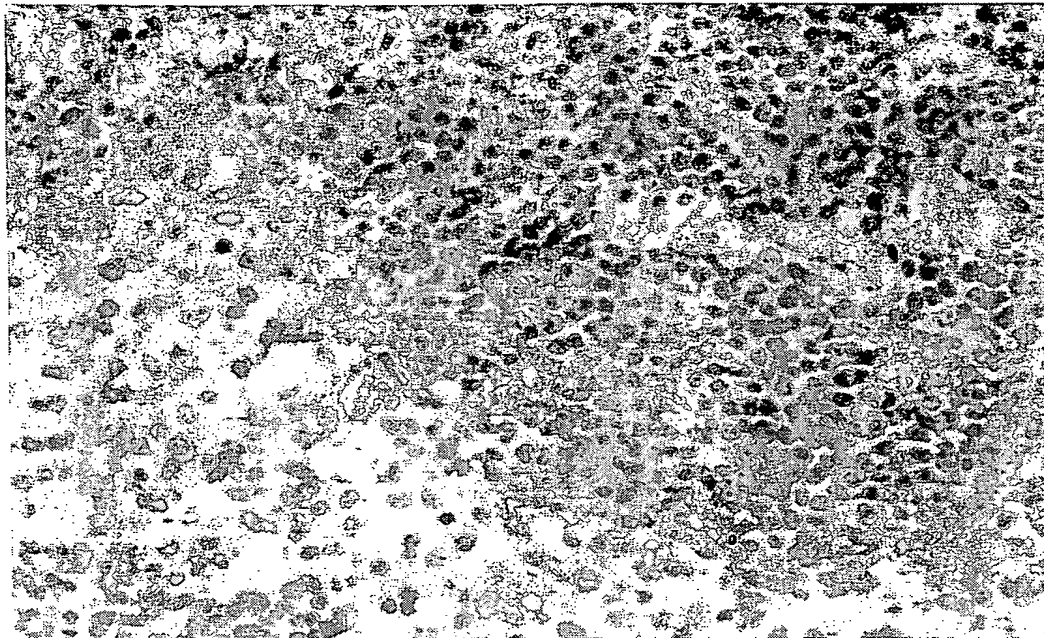
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TAC Tyr 1115	CCT Pro	GGG Gly	GTG Val	CAG Gln 1120	ATC Ile	AAT Asn	GAG Glu	GAG Glu	TTC Phe 1125	TGC Cys	CAG Gln	CGC Arg	GTG Val	AGA Arg 1130	GAC Asp	3411																																																
GGC Gly	ACA Thr	AGG Arg	ATG Met 1135	AGG Arg	GCC Ala	CCG Pro	GAG Glu	CTG Leu 1140	GCC Ala	ACT Thr	CCC Pro	GCC Ala	ATA Ile 1145	CGC Arg	CAC His	3459																																																
ATC Ile	ATG Met	CTG Leu 1150	AAC Asn	TGC Cys	TGG Trp	TCC Ser	GGA Gly	GAC Asp 1155	CCC Pro	AAG Lys	GCG Ala	AGA Arg 1160	CCT Pro	GCA Ala	TTC Phe	3507																																																
TGC Ser	GAC Asp 1165	CTG Leu	GTG Val	GAG Glu	ATC Ile	CTG Leu 1170	GGG Gly	GAC Asp	CTG Leu	CTC Leu	CAG Gln 1175	GGC Gly	AGG Arg	GGC Gly	CTG Leu	3555																																																
CAA Gln 1180	GAG Glu	GAA Glu	GAG Glu	GAG Glu	GTC Val 1185	TGC Cys	ATG Met	GCC Ala	CCG Pro	CGC Arg 1190	AGC Ser	TCT Ser	CAG Gln	AGA Ser	TCA Ser	3603																																																
GAA Glu 1195	GAG Glu	GGC Gly	AGC Ser	TTC Phe 1200	TCG Ser	CAG Gln	GTG Val	TCC Ser	ACC Thr 1205	ATG Met	GCC Ala	CTA Leu	CAC His	ATC Ile 1210	GCC Ala	3651																																																
CAG Gln	GCT Ala	GAC Asp	GCT Ala 1215	GAG Glu	GAC Asp	AGC Ser	CCG Pro	CCA Pro 1220	AGC Ser	CTG Leu	CAG Gln	CGC Arg	CAC His 1225	AGC Ser	CTG Leu	3699																																																
GCC Ala	GCC Ala	AGG Arg 1230	TAT Tyr	TAC Tyr	AAC Asn	TGG Trp	GTG Val 1235	TCC Ser	TTT Phe	CCC Pro	GGG Gly	TGC Cys 1240	CTG Leu	GCC Ala	AGA Arg	3747																																																
GGG Gly	GCT Ala 1245	GAG Glu	ACC Thr	CGT Arg	GGT Gly	TCC Ser 1250	TCC Ser	AGG Arg	ATG Met	AAG Lys	ACA Thr 1255	TTT Phe	GAG Glu	GAA Glu	TTC Phe	3795																																																
CCC Phe 1260	ATG Met	ACC Thr	CCA Pro	ACG Thr	ACC Thr 1265	TAC Tyr	AAA Lys	GGC Gly	TCT Ser	GTG Val 1270	GAC Asp	AAC Asn	CAG Gln	ACA Thr	GAC Asp	3843																																																
AGT Ser 1275	GGG Gly	ATG Met	GTG Val	CTG Leu 1280	GCC Ala	TCG Ser	GAG Glu	GAG Glu	TTT Phe 1285	GAG Glu	CAG Gln	ATA Ile	GAG Glu	AGC Ser 1290	AGG Arg	3891																																																
CAT His	AGA Arg	CAA Gln	GAA Glu 1295	AGC Ser	GGC Gly	TTC Phe	AGG Arg	TAGCTGAAGC AGAGAGAGAG AAGGCAGCAT								3945																																																
ACGTCAGCAT	TTTCTTCTCT	GCACCTTATAA	GAAAGATCAA	AGACTTTAAG	ACTTTTCGCTA	4005	TTTCTTCTAC	TGCTATCTAC	TACAAACTTC	AAAGAGGAAC	CAGGAGGACA	AGAGGAGCAT	4065	GAAAGTGGAC	AAGGAGTGTG	ACCACTGAAG	CACCACAGGG	AGGGGTTAGG	CCTCCGGATG	4125	ACTGCGGGCA	GGCCTGGATA	ATATCCAGCC	TCCCACAAGA	AGCTGGTGA	GCAGAGTGTT	4185	CCCTGACTCC	TCCAAGGAAA	GGGAGACGCC	CTTTCATGGT	CTGCTGAGTA	ACAGGTGCCT	4245	TCCCAGACAC	TGCGTTTACT	GCTTGACCAA	AGAGCCCTCA	AGCGGCCCTT	ATGCCAGCGT	4305	GACAGAGGGC	TCACCTCTTG	CCTTCTAGGT	CACCTTCTCAC	AATGTCCCTT	CAGCACCTGA	4365	CCCTGTGCCC	GCCGATTATT	CCTTGTAAT	ATGAGTAATA	CATCAAAGAG	TAGTATTAAA	4425	AGCTAATTAA	TCATGTTTAT	AAAAA						4450

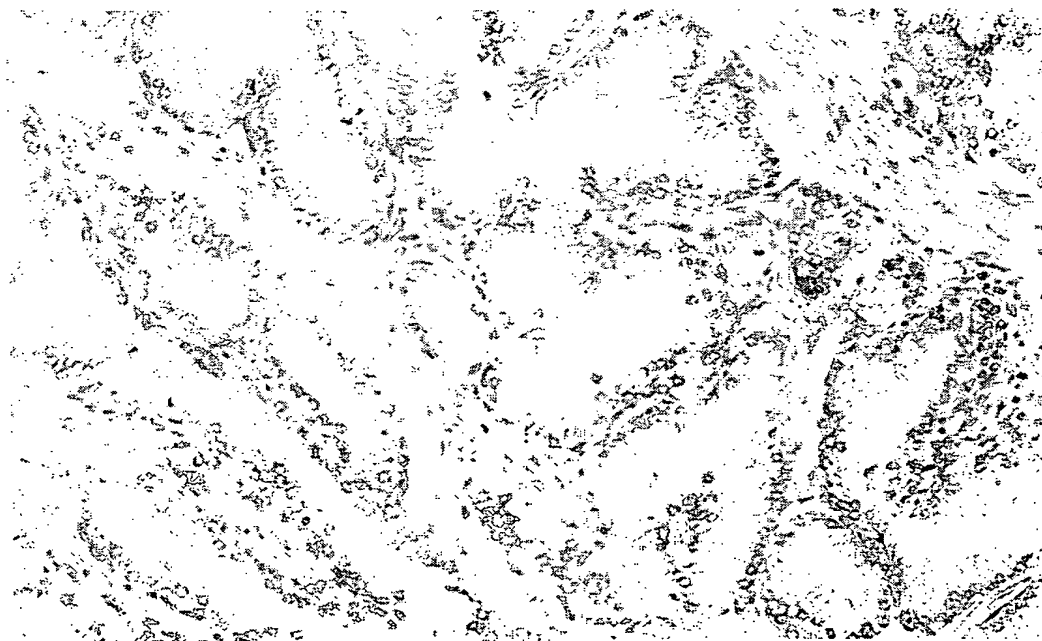
FIG. 1F

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Benign Node stained with anti-FLT-4 antibody:

**FIG.2A**

BPH stained with anti-FLT-4:

**FIG.2B**



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Node with prostatic metastases stained with anti-FLT-4 antibody.

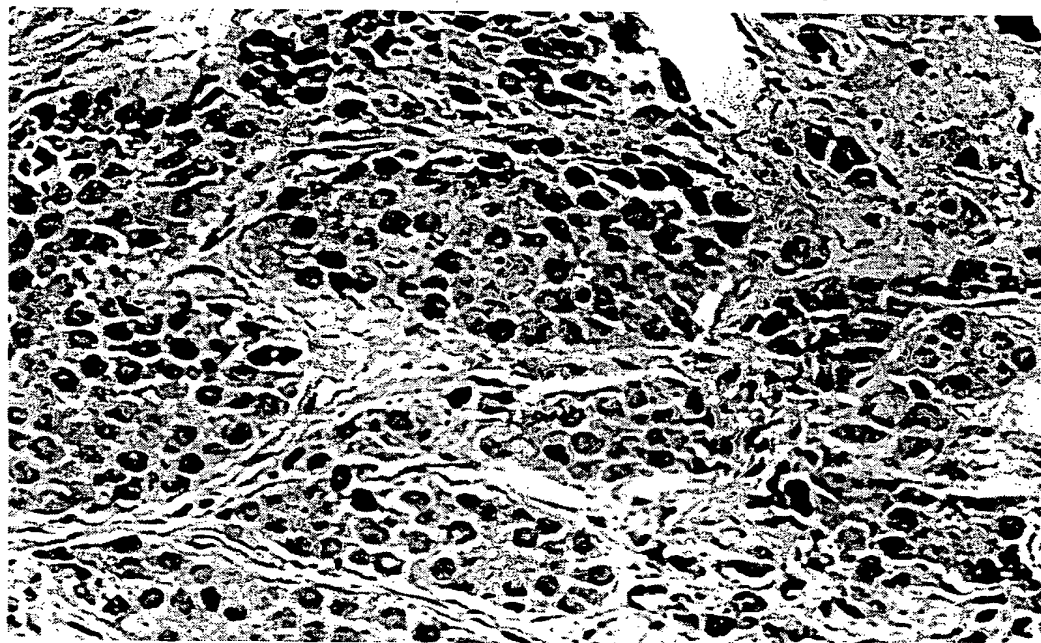


FIG.2C

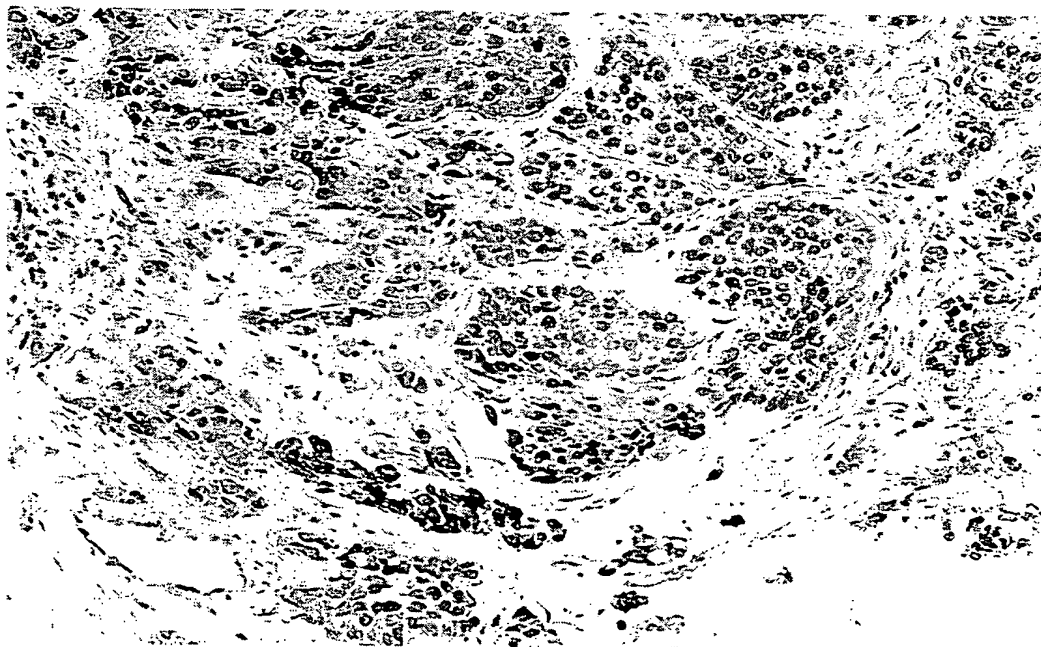


FIG.2D

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BPH and extensive CoP stained with anti-FLT-4 showing positive reactivity in CoP and mostly negative reactivity in BPH:

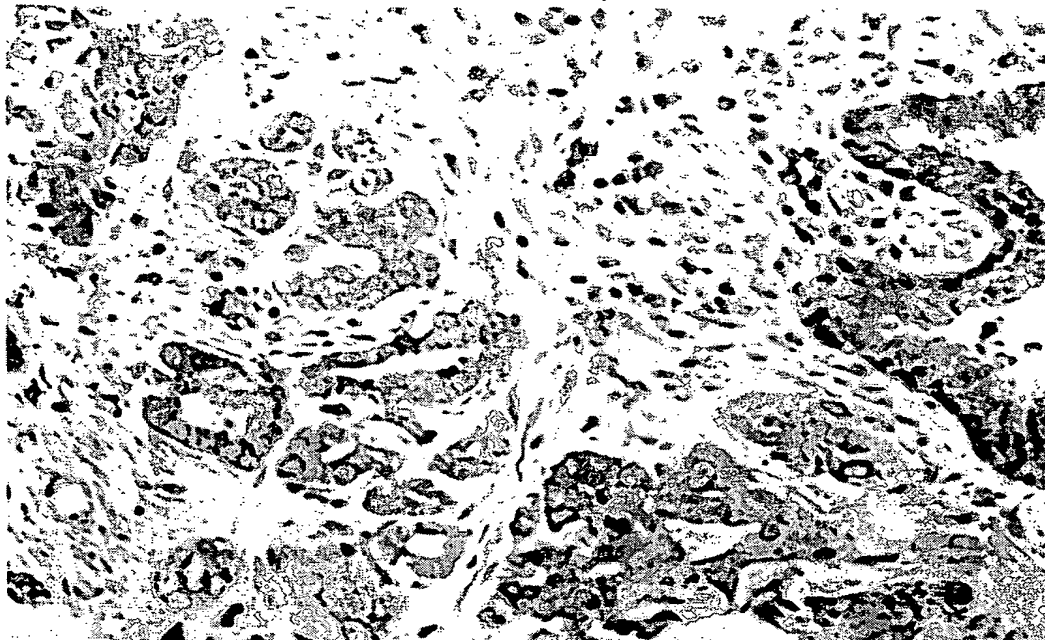


FIG.2E

Extensive CoP stained with anti-FLT-4:

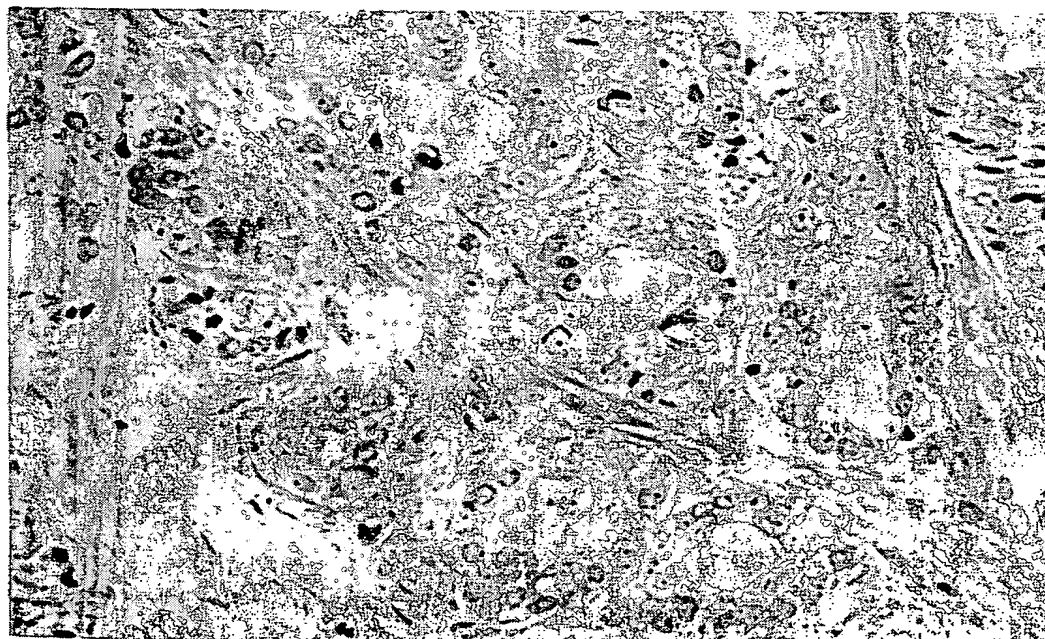


FIG.2F

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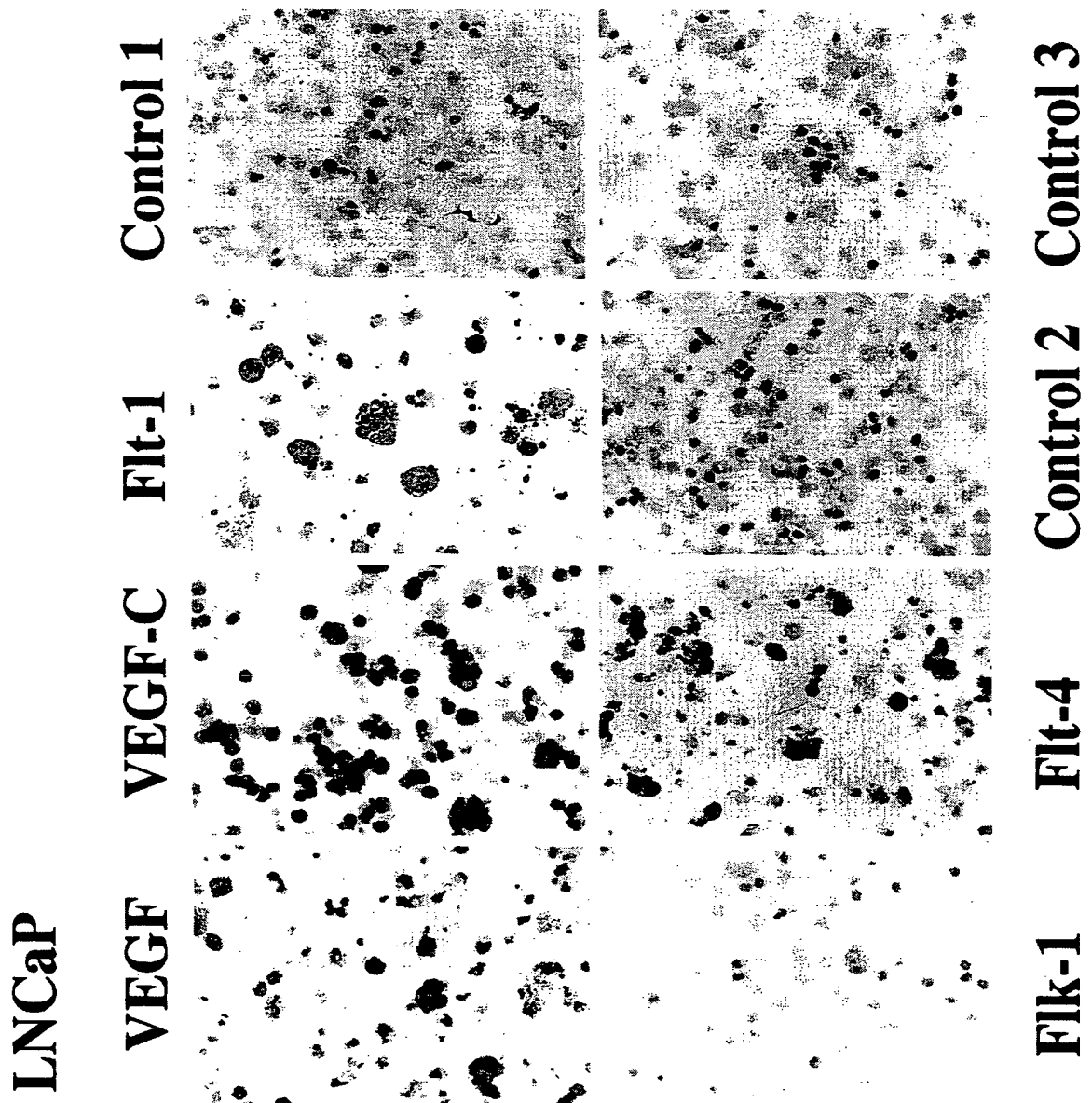


FIG.3A

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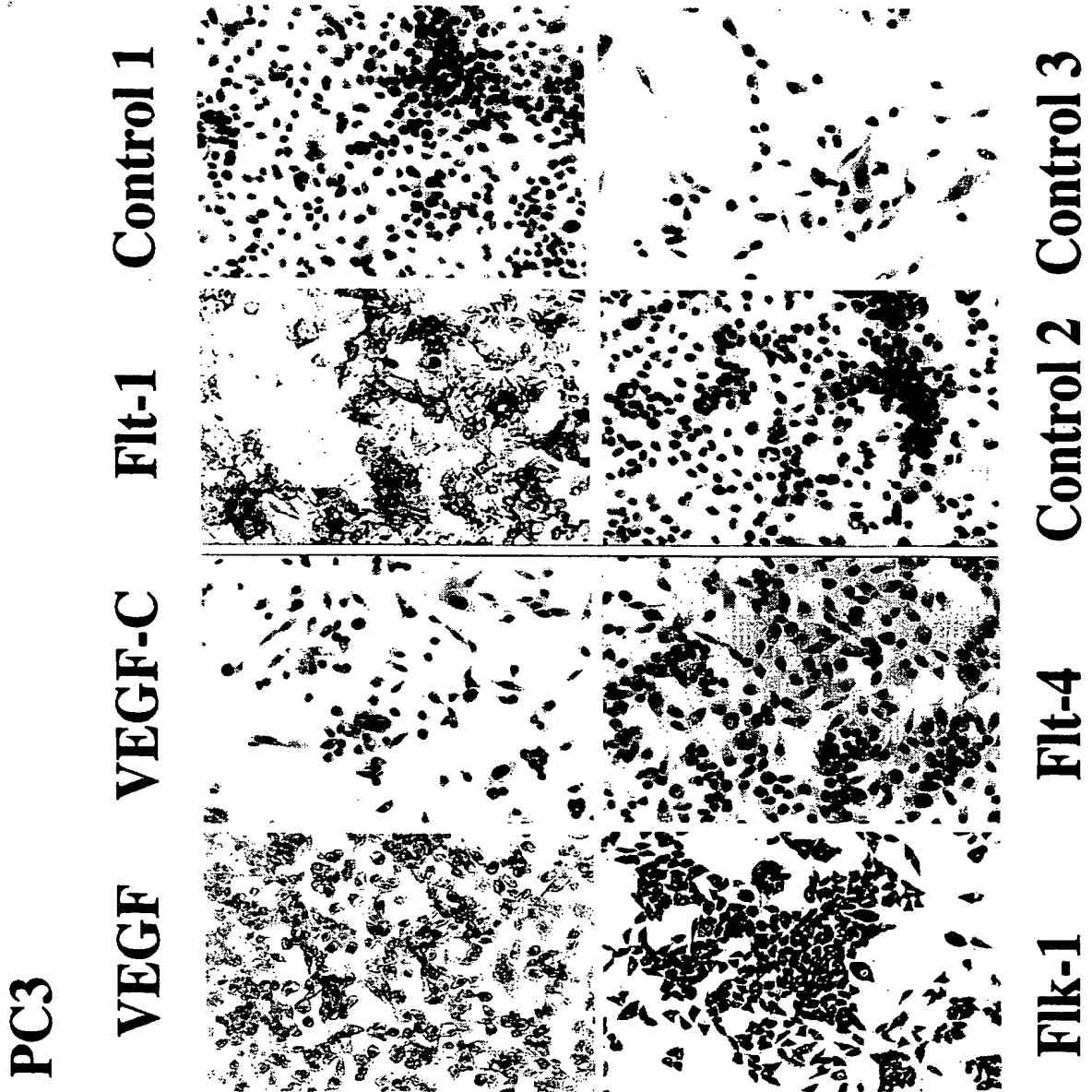


FIG.3B

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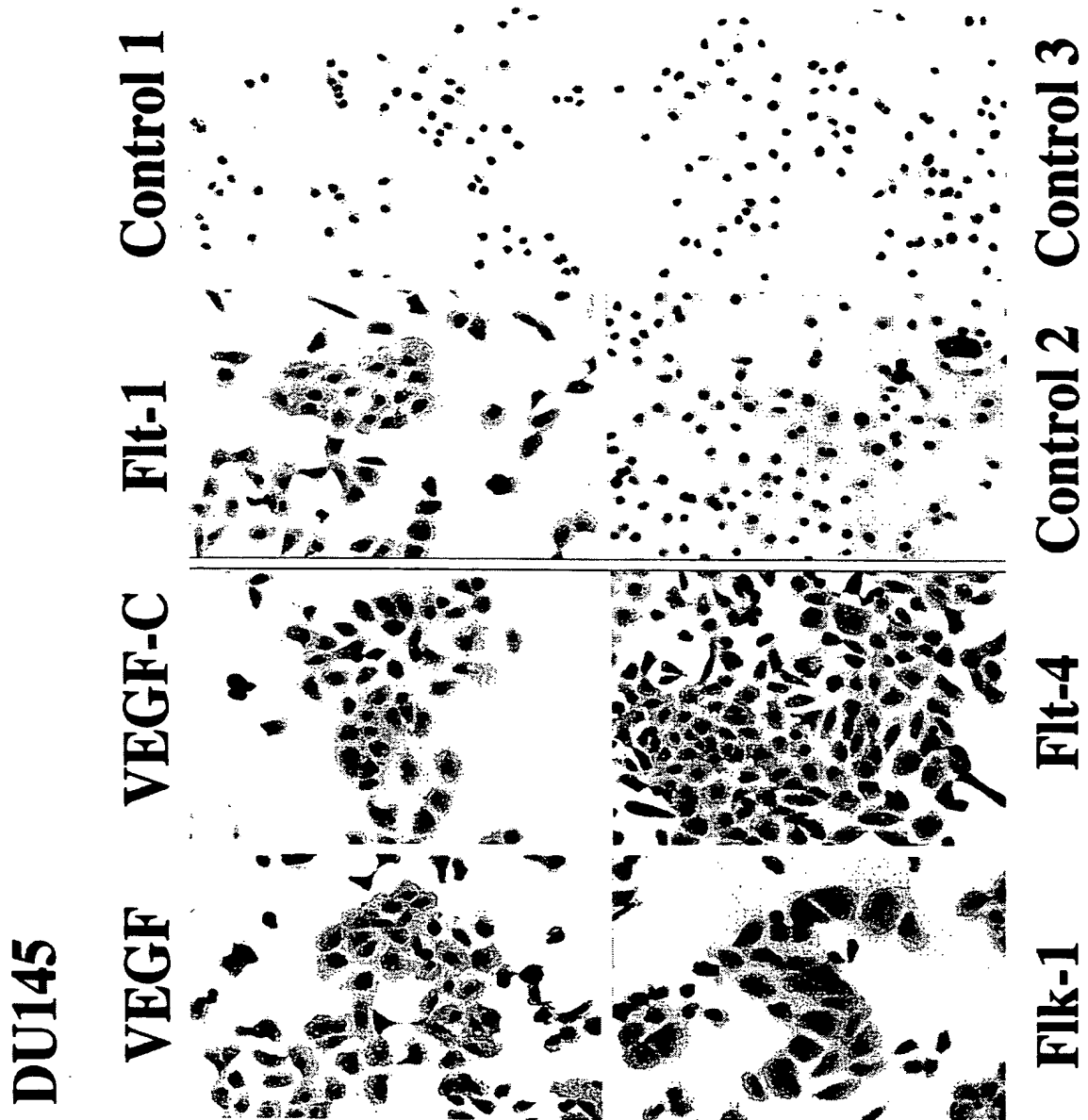


FIG.3C

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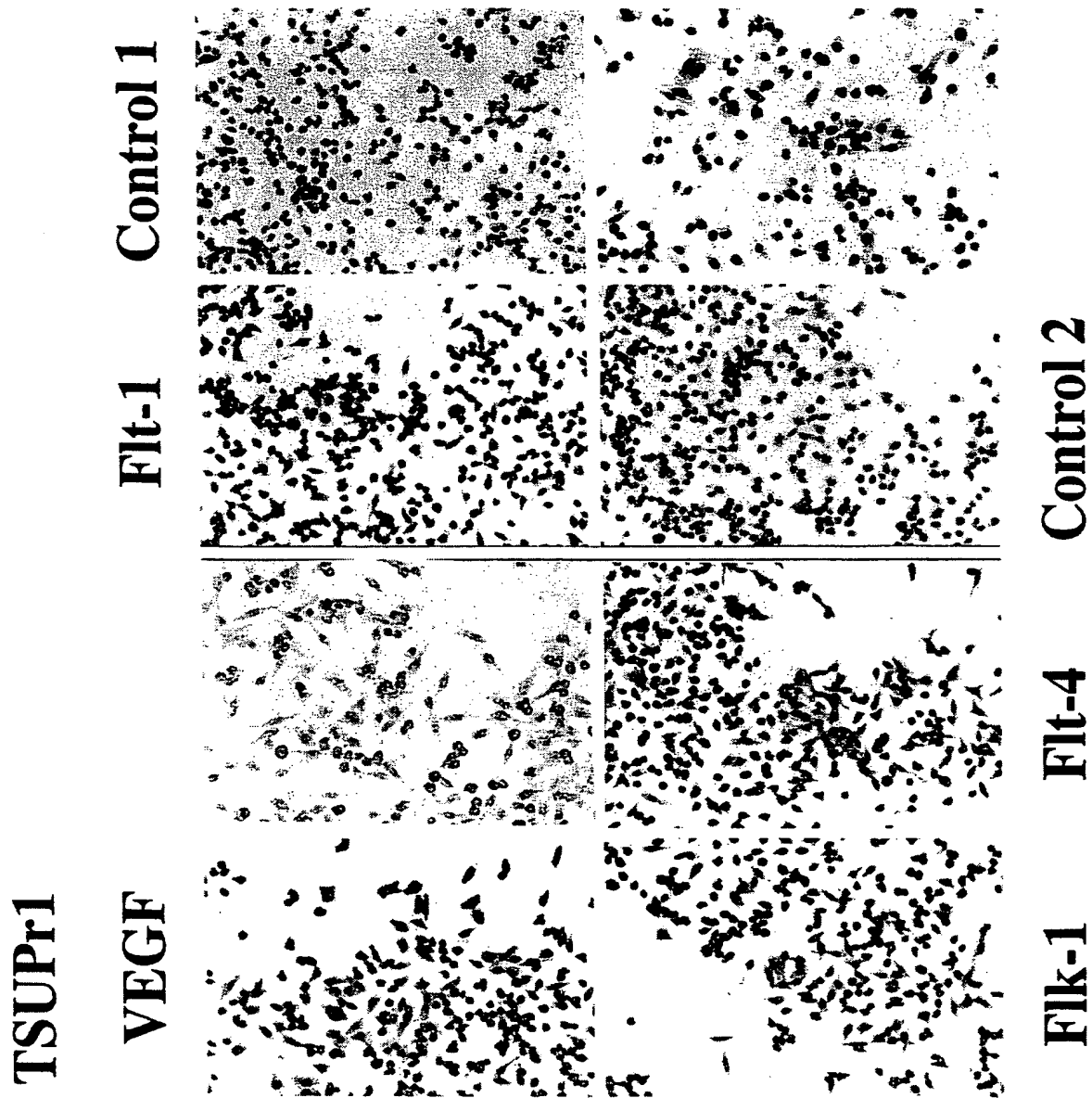


FIG.3D

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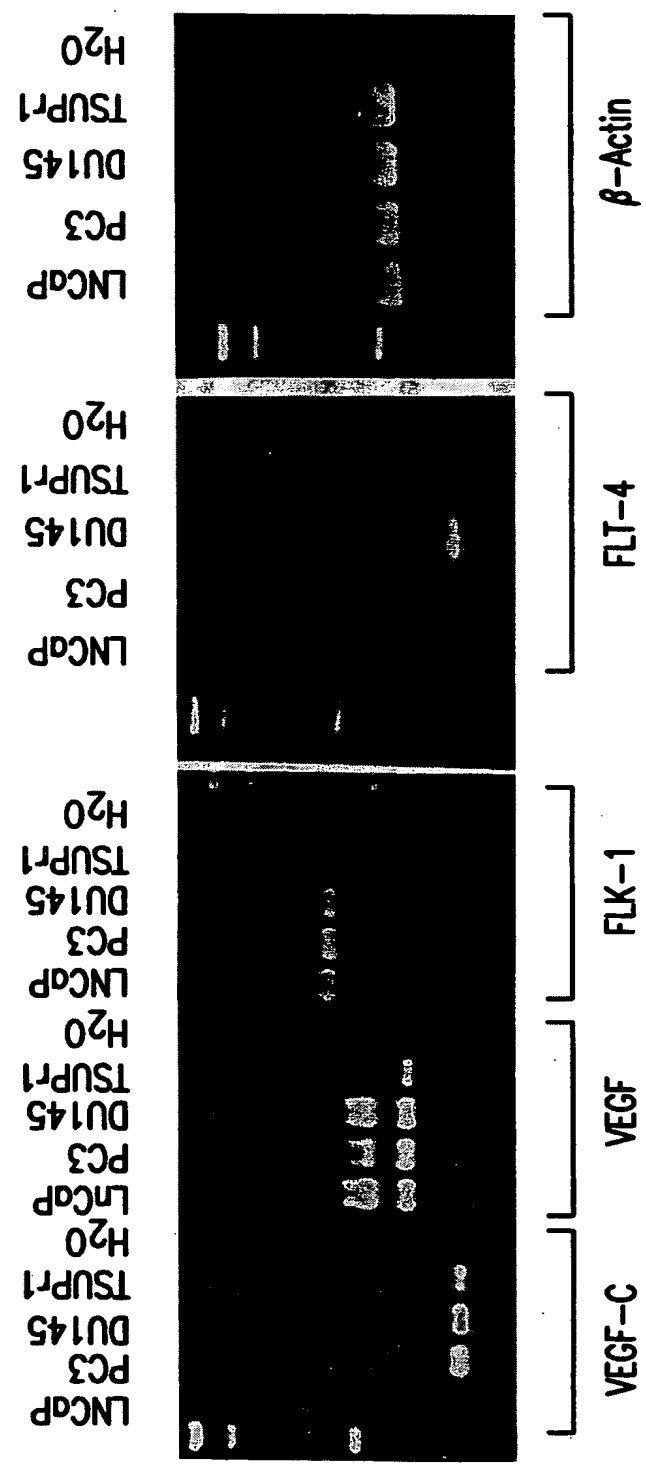
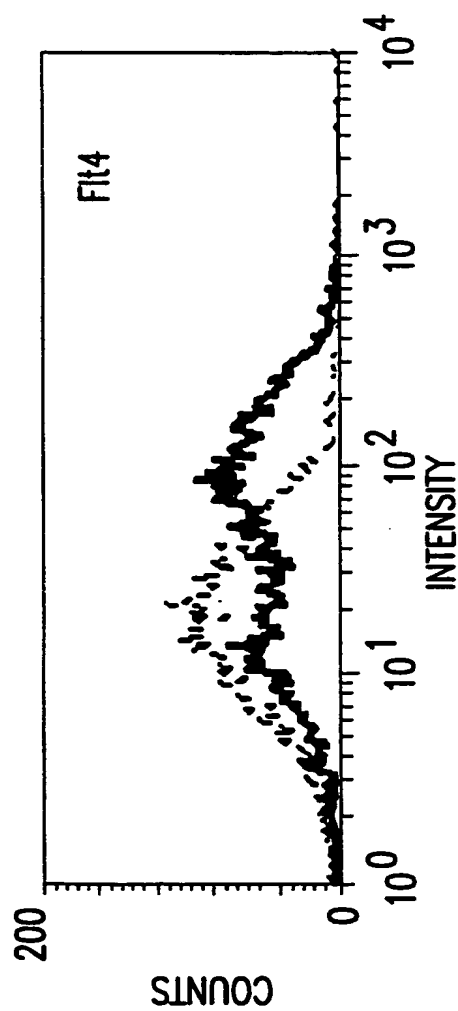


FIG.4

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The dotted line shows the isotype control while the solid line shows binding with specific antibodies.

FIG.5



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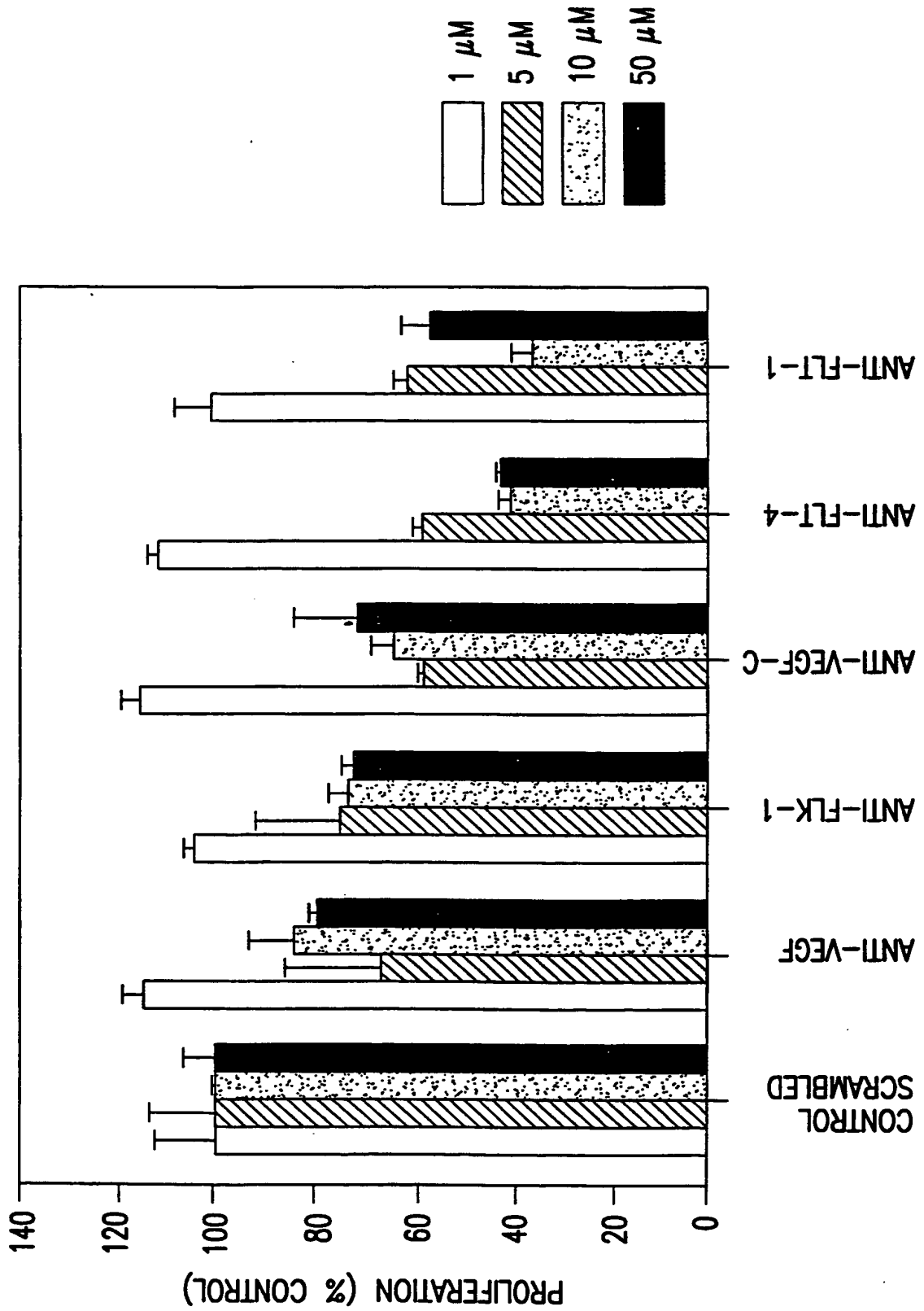


FIG. 6

ANTISENSE OLIGONUCLEOTIDE